

Photo Log

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Here at Chapparal Trailer Park in Big Spring picture BS-1 is of the first trailer on the north side. Apparently the wind came from NE to SW. This particular trailer has not been moved on its block to any extent. It does not seem to have any anchors. The only damage of importance is where the roof on the leeward side has been picked up or has been torn off and there is virtually no damage on the windward side. Pictures #1 & 2 are of this trailer. Correction:/ the wide trailer has been moved off of the block. ~~XXXXXXXXXX~~ It is sitting on the ground. There were no anchors on this trailer. Picture #3 is of a trailer that flipped over, then it was torn later on

Wind
Interference →

The trailer was not anchored. It was sitting on a block and had kind of overturned. This * is the first trailer on the north side of the trailer park.

Interference

Picture #4 is of a trailer across the street from the previous one which was totally flipped over and landed upside down. It was not anchored ~~xxxxx~~ either.

Picture #5 shows the first three trailers on the north side. The first one was totally demolished by overturning, the second one was damaged seriously ~~but~~ from its block as well as from the missile damage of the first trailer and the third trailer sustained very little damage except for perhaps antenna. All these three trailers were not anchored. This shows the protection of things from or the shelter from the other trailers which can prevent or reduce the damage.

Picture #6 is of a trailer * which was moved off its block ~~about~~. Half of it was broken. What is more important is that the roof was totally

peeled off from this trailer. A roof is visible in front dangling outside the trailer.

Picture #7 is of another turned up trailer which sustained very little damage. The picture shows how the trailer tried ~~x~~ to move towards the left and one of the blocks has sunk in and has tilted partially. This trailer was also not anchored.

Picture #8 showing a double ripped trailer which sustained very little damage. There were four rows of blocking out of which in the front where the wind came one row of blocks had toppled, however the trailer itself has not moved. The trailer was not anchored and a loose anchor is visible in the front.

Picture #9 is of a trailer which sustained virtually no damage except some damage on the roof. This trailer has not moved off the block. It has only two anchors left--one in the front as visible in the picture ~~xx~~ and the other one in the back of the trailer.

Picture #10 shows the roof ~~x~~tresses of one of the trailers which had torn off. The tresses show no sign of being nailed to the frame of the trailers. The tresses combined with the roof had blown and impacted into another trailer creating serious metal damage to a trailer. These roof tresses were firmly stapled into the sideboards of the roof and the side board was nailed down to the outside framing. The staples had penetrated the roof tress no more than perhaps 1/4 inch. From best we could determine the staple ~~xxx~~ was generally 1 and perhaps in some place ~~x~~ 2.

Picture #11 shows an anchorage failure of a trailer . This particular trailer was anchored only at the end. It is approximately 60 feet long 12 feet wide. The turn buckle of the anchor opened up. There is no

sign of failure in the soil. The trailer moved off its block and sustained considerable damage. In addition to this, this trailer in the back part also sustained damage due to flying roof of another trailer.

Picture #12 shows a trailer which was partially anchored that means anchored only at the end. Pretty good trailer--did not sustain any damage even though the anchor was slightly loose. Maturity of trailers which have been anchored have been anchored only at the ends. This picture shows a type of anchor used with apparently a steel bar inserted into the soil and the strap is anchored with that turn buckle. It is this type of anchor which had opened up on the previous picture.

Picture #13 shows failed anchors where the turn buckles had opened up and trailers had turned over. This trailer is approximately 50 feet long and 10 feet wide had anchors only at the end.

Picture ~~8x~~ #14 and #15 shows the trailer. The trailer is 8 feet wide and about 40 ~~xxx50~~ feet long is one of the older trailers. The purpose of the picture is to show how much the trailers ~~xxxx~~ slip sideways the picture 15 shows a close-up view where the front part of the trailer jacked into the soil approximately 3 1/2 to 4 feet

Picture #16 is of a tiedown on a trailer which ~~was~~ went through enough loading where the turn buckles had opened up but had not come open and damaged the trailer. This particular trailer had 3 tiedowns approximately 45 to 50 feet long, two tiedowns at the end and one at the middle.

Picture #17 is of a tiedown on a trailer that is attached close to the front of the frame. This particular one has a larger than normal

turn buckle that we had seen in other trailers. That trailer sustained little damage because of the missiles coming from another trailer. The trailer had 3 tiedowns, 2 at the end and one in the middle. The trailer is approximately 60 feet long and about 12 feet wide.

Picture #19 shows the structural framing system for the underside of one of the trailers that had toppled over. This particular framing system uses a tress barbed tress with angle iron and two high beams with a plate welded to it.

Picture #20 is of a toppled and ~~xxx~~ demolished mobile home which rammed into another mobile home. Important point in this picture is the blocking of concrete blocks have remained virtually intact while the mobile home was toppled. This could ~~xxx~~ have happened only if the mobile home was picked up in an uplift before it was moved sideways. This mobile home did not have anchorage and one of the things we may have to consider in the future is the uplift on the mobile home. Is it sufficient to lift the mobile home off the concrete blocks rather than sliding on the concrete blocks

Picture #21 shows a toppled and demolished mobile home. One of the items that is unusual that we found in the mobile home park is that to some extent random some mobile homes will get toppled and ~~x~~ demolished while mobile homes right next to it with no anchors would sustain very little damage and probably ~~would~~ very little slidingx On the blocks.

Picture #22 of the trailer which sustained virtually no damage that is visible. The front part of the trailer seems to be sitting on the ground and is skirted all the way around it. Apparently putting the front part of the trailer on the ground could be one successful way

of holding the trailer from sliding or perhaps from overturning. Picture #23 where the trailer was moved sideways approximately 3 feet. The turn buckle hook had opened up and trailer had moved--it was anchored at 3 places 2 at the ends and 1 at the middle. Trailer was approximately 60 ft long and 12 ft wide. The previous trailer apparently had twisted with the front ~~end~~ moving towards south and the rear end moving towards the north pivot point twisting must have occurred about the wheels. The next picture #24 will be of the same trailer showing the skirting of the roof being blown up. Picture #25 is on the side of a ~~house~~ house where the wall was penetrated by 2 x 6 piece of wood probably coming from lumber yard approximately 200 ft away. A piece of wood would have to fly over 2 houses and then land on the side of the house. Piece of wood then penetrated about 4 feet from the _____. Picture #26 is another hole where the foundation of the house was penetrated by 2 x 4 same house as the previous picture. Picture #27 is the picture of the front porch of the same house approximately 200 ft from the lumberyard. This area in the porch was covered with 29 pieces of sheet metal as well as it was hit by a couple of pieces of 2 x 4. It shows some indication of movement and cracking of the post here at the bottom. Picture #28 is area in the roof of another house approximately 150 to 50xft from 170 ft from the lumberyard where 2 x 4 or similar pieces of wood had penetrated the roof. Picture #29 is of the garage door where about 5 ft from the ground a piece of 2 x 4 had penetrated 6 ft into the garage through the door

The hole in the bottom of the garage door was created by metal railing ~~xxxxxx~~ which was attached to the door in the lumberyard and a piece of wood as well as the metal railing had come together and penetrated into the bottom of the garage door. A garage door is made of sheet metal, probably ~~20~~ 24 or 22 gage metal. The places where the missile had penetrated are the overlap joints.

Picture #30 is view of S. P. Jones lumberyard there. The south end of the building had collapsed. The view is looking southeast. The building in the foreground has collapsed towards the picture. The winds seem to be coming from the direction in which the picture is taken. The buildings in the background were destroyed at the lumber-
~~y~~ yard did not sustain any appreciable damage. The building that was damaged was located on the south side of the yard with an enclosed work area with 4 overhead doors on the east side the 2 overhead doors, the roof and the south walls collapsed towards the south.

Picture #31 shows the foundation in the south wall section of the collapsed building where the ~~foundation~~ foundation is approximately 1 ft high, 4 inches ~~thick~~, concrete walls with a 4 x 4 on top of it bolted to the concrete. The wall section is 2 x 4 approximately 2 ft apart nailed into 4 x 4 pieces. Also in the picture the top part of the door is visible which came from the other walls. The door was in the north wall of the building that collapsed.

Picture #32 shows the section of the wall ~~that xxxxxx~~ which is still standing. ~~xx~~ Wind came from the left going to the right which catches underneath the overhanging eave and would pull the roof back. Once the roof is gone the remaining walls have very little ~~chance~~ strength.

two end sections the one on the east end and the one ~~on~~ on the west end that would be cross tracing because of bad walls the building seems to ~~have~~ have just partially survived.

Picture #33 is a view of the west end of the demolished building showing that part of the building survived probably because of the cross wall at the west end. The picture also shows one of the overhead sliding doors which is leaning inward toward the building. The doors were closed at the time of the winds.

Picture #34 and 35 are views of demolished buildings. #34 is of the west end; 35 of the east end. The places where overhead doors were located in the middle are reasonable as well as the area where one of the overhead doors still stands in this picture.